

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4
IDS
9-20-02
H.P.L.

In re the Application of

Shinya HIROTA et al.

Application No.: 10/088,476

Filed: March 20, 2002

Docket No.: 112340

For: EXHAUST GAS PURIFICATION DEVICE

INFORMATION DISCLOSURE STATEMENTDirector of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. References 1-5 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. A concise explanation of the relevance of the non-English language references 6-12 appears in the Appendix attached hereto.
- ☒ 4. English-language Abstracts of the non-English language references 1-2 are attached hereto.

Respectfully submitted,

James A. Oliff
Registration No. 27,075Thomas J. Pardini
Registration No. 30,411JAO:TJP/zmc
Date: April 3, 2002OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400DEPOSIT ACCOUNT USE
AUTHORIZATIONPlease grant any extension
necessary for entry;Charge any fee due to our
Deposit Account No. 15-0461

APPENDIX

Information List (Form 1)

The following is a List of References provided by the Applicant. Please file an Information Disclosure Statement using this information.

Document Number	Publication Date	Brief Explanation or Page(s) & Line(s) of Related Part(s)
Japanese Examined Patent No. 3012249	December 10, 1999	A method is disclosed for trapping particulate by a filter, and burning the trapped particulates by NO ₂ .
Japanese Unexamined Patent Application No. 11-300165	November 2, 1999	A filter unit is disclosed, which comprises an absorbent for absorbing NOx therein.
Japanese Unexamined Patent Application No. 6-272541	September 27, 1994	A particulate filter is disclosed, which comprises an absorbent for absorbing NOx therein.
Japanese Unexamined Patent Application No. 6-159037	June 7, 1994	A particulate filter is disclosed, which comprises an absorbent for absorbing NOx therein.
Japanese Examined Patent (KOKOKU) No. 7-106290	November 15, 1995	Disclosed in the specification.
Japanese Unexamined Patent Application No. 9-94434	April 8, 1997	A filter is disclosed, which comprises an absorbent for absorbing NOx therein.
Japanese Unexamined Patent Application No. 2000-18026	January 18, 2000	A mechanism is disclosed, for reversing the flow of an exhaust gas in a catalytic converter.